



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
|-----------------|-------------|----------------------|---------------------|------------------|

09/915,563

07/27/2001

Moshe Weiner

Q64293

7523

7590 07/11/2008  
SUGHRUE MION ZINN MACPEAK & SEAS, PLLC  
2100 Pennsylvania Avenue, NW  
Washington, DC 20037-3213

EXAMINER

HERRING, VIRGIL A

ART UNIT

PAPER NUMBER

2132

MAIL DATE

DELIVERY MODE

07/11/2008

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

|                              |                                      |                                      |  |
|------------------------------|--------------------------------------|--------------------------------------|--|
| <b>Office Action Summary</b> | <b>Application No.</b><br>09/915,563 | <b>Applicant(s)</b><br>WEINER, MOSHE |  |
|                              | <b>Examiner</b><br>VIRGIL HERRING    | <b>Art Unit</b><br>2132              |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 02 April 2008.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-6,8-33,35-37,43,45,47-49,51 and 52 is/are pending in the application.
- 4a) Of the above claim(s) 19-33,35-37,45,47,48,51 and 52 is/are withdrawn from consideration.
- 5) ☐ Claim(s) 49 is/are allowed.
- 6) ☒ Claim(s) 1-6,8-18 and 49 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

### **DETAILED ACTION**

This action is in response to the Request for Continued Examination filed 2 April 2008. Claims 7, 38, 44, and 50 were previously cancelled, claims 34, 39-42, and 46 have been cancelled by this amendment, and claims 19-33, 35-37, 43, 45, 51, and 52 are withdrawn from consideration as a non-elected invention. Claims 1-6, 8-33, 35-37, 43, 45, 47-49, 51, and 52 are currently pending, of which claims 1-6, 8-18, and 47-49 are relevant to the elected invention.

### ***Response to Arguments***

Applicant's arguments with respect to claim 1 have been considered but are moot in view of the new ground(s) of rejection.

With regards to claim 49, the previous status of allowability is rescinded in light of the new ground(s) of rejection.

With respect to claims 17, 18, 34, 39-42, and 46, the prior rejection under 35 USC §102 is withdrawn, in light of the amendment of claims 17 and 18, and the cancellation of 34, 39-42, and 46.

### ***Claim Rejections - 35 USC § 103***

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1-6, 8-18, and 49 are rejected under 35 U.S.C. 103(a) as being unpatentable over LaDue (US Pub. #2003/0133423) in view of Halloran et al. (US Patent #5,966,667) and further in view of Soloff (US Patent #5,023,718).

With regards to claims 1-6 and 8-16, LaDue discloses a communication device comprising:

- a master microprocessor; (see ¶124)
- a security identity module operably connected to the master microprocessor through a bus; (see ¶124)

With regards to claim 1, LaDue does not expressly disclose a buffering device operable to communicate with said master microprocessor, wherein said master microprocessor is operable to receive messages from the buffering device or the security identity module, and wherein said buffering device is operably connected to a bus between the master microprocessor and the security identity module. LaDue does include that a microprocessor and SIM are connected by a bus, and also a buffering device (figure 4, DRAM 333b) connected to the microprocessor by a different bus.

However, Halloran et al. disclose a mobile telephone which features a bus connecting the SIM (SIM contacts 190), processor 166, and memory (buffer) devices (note the various address and data connections to the processor) in figure 1B, and

column 4, lines 33-55). LaDue and Halloran are clearly analogous art, as both are directed to mobile communications devices which are SMS-enabled. At the time of the invention, it would have been obvious to one skilled in the art to apply the teachings of Halloran to the disclosure of LaDue to create a communication device comprising a master microprocessor, a SIM operably connected to the master microprocessor through a bus, and a buffering device, all on the same bus.

With regards to claim 1, neither LaDue nor Halloran expressly discloses that the buffering device comprises a microprocessor. However, Soloff discloses a system for storing digital video signals in which a store controller 24 of the memory device controls the write enable generators 22 and output enable generators 23. As stated at column 3, lines 57-63, this controller, which comprises part of the memory device depicted by the figure, "may comprise a microprocessor". At the time of the invention, it would have been obvious to one skilled in the art that the memory device comprising a microprocessor as taught by Soloff could be substituted with the memory (buffer) device present in the combination of LaDue and Halloran as described above, with predictable results.

With regards to claims 17, 18, and 49, LaDue discloses the communication device as set forth in claim 1:

wherein said buffering device is further operable to receive standard SMS messages input on the communication device and free-hand created messages

input using a free-hand compatible data entry device. (see ¶86 – the invention deals with reading a standard SMS message from the user and transmitting it in a modified way, i.e. the SMS message “received” by the buffering device is standard)

Further regarding claim 49, LaDue does not expressly disclose converting a received message into a freehand drawn message. However, LaDue discloses transmission of SMS messages, including those created on a free-hand compatible data entry device (note the PDA of figure 23). At the time of the invention, it would have been obvious to one skilled in the art that if the device is able to send such messages, it would also be able to receive them.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to VIRGIL HERRING whose telephone number is (571)272-8189. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on (571) 272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2132

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Virgil Herring  
Examiner  
Art Unit 2132

/V. H./  
Examiner, Art Unit 2132

/Benjamin E Lanier/  
Primary Examiner, Art Unit 2132